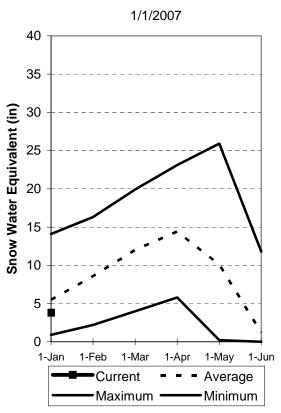
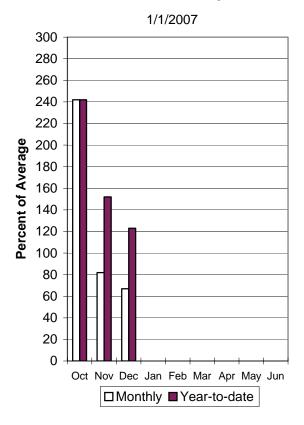
## Carbon, Emery, Wayne, Grand and San Juan Co. January 1, 2007

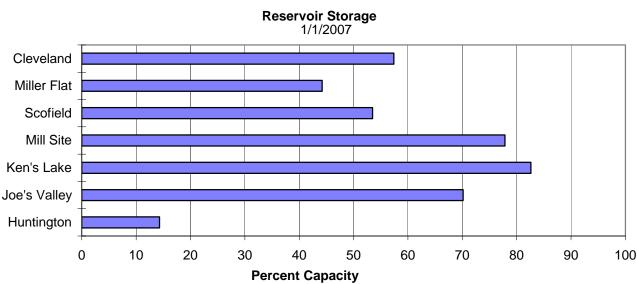
Snowpacks in this region are much below normal at 68% of average, about 75% of last year. Individual sites range from 32% to 108% of average, with the Abajo Mountains the driest in the region. Precipitation during December was much below average at 67%, bringing the seasonal accumulation (Oct-Dec) to 123% of normal. Soil moisture estimates in runoff producing areas are at 51% of saturation in the upper 2 feet of soil compared to 32% last year and down 3% from last month. Forecast streamflows range from 26% to 100% of average, somewhat higher than snowpack conditions alone would indicate due to high fall precipitation and healthy soil moisture conditions. Reservoir storage is at 62% of capacity, down 5% from last year. Surface Water Supply Indices for the area are: Price 70%, San Rafael area 53% and Moab 54%. General runoff and water supply conditions are near to above normal, due to good reservoir carryover.

## Southeast Utah Snowpack



## **Southeast Utah Precipitation**





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## CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co. Streamflow Forecasts - January 1, 2007

|  | Forecast<br>Period | <<===== Drier ====== Future Conditions ====== Wetter =====>>    |                 |           |                 |   |                 |                 |                        |
|--|--------------------|---|-----------------|-----------|-----------------|---|-----------------|-----------------|------------------------|
| Forecast Point   |                    | <br>  =============== Chance Of Exceeding * =================== |                 |           |                 |   |                 | ======          | <br>                   |
|  |                    | 90%<br>(1000AF)   | 70%<br>(1000AF) |           | 50<br>(1000AF)  | )%  <br>(% AVG.)  | 30%<br>(1000AF) | 10%<br>(1000AF) | 30-Yr Avg.<br>(1000AF) |
|  |                    |   |                 |           |                 |   |                 |                 |                        |
| Gooseberry Creek nr Scofield   | APR-JUL            | 5.6   | 8.1             | !         | 10.0            | 84  | 12.2            | 15.7            | 11.9                   |
| Price River near Scofield Reservoir  | APR-JUL            | 15.6  | 30              |           | 39              | 87  | 49              | 62              | 45                     |
| White River blw Tabbyune Creek   | APR-JUL            | 4.3   | 8.4             | İ         | 12.0            | 69  | 16.2            | 24              | 17.3                   |
| Green River at Green River, UT (2)   | APR-JUL            | 980   | 1910            | İ         | 2550            | 80  | 3190            | 4120            | 3170                   |
| Huntington Ck Inflow to Electric Lk  | APR-JUL            | 5.7   | 9.5             | İ         | 12.6            | 80  | 16.1            | 22              | 15.7                   |
| Huntington Ck nr Huntington  | APR-JUL            | 15.2  | 29              | İ         | 39              | 80  | 49              | 63              | 49                     |
| Joe's Valley Resv Inflow   | APR-JUL            | 26  | 38              | İ         | 48              | 83  | 59              | 76              | 58                     |
| Ferron Ck (Upper Station) nr Ferron  | APR-JUL            | 20  | 28              | İ         | 34              | 87 İ  | 41              | 52              | 39                     |
| Colorado River Near Cisco (2)  | APR-JUL            | 2290  | 3700            | İ         | 4650            | 100   | 5600            | 7010            | 4650                   |
| Mill Creek at Sheley Tunnel nr Moab  | APR-JUL            | 2.2   | 3.4             | İ         | 4.5             | 90  | 5.8             | 8.1             | 5.0                    |
| Seven Mile Ck nr Fish Lake   | APR-JUL            | 4.3   | 5.8             | İ         | 7.0             | 100   | 8.3             | 10.3            | 7.0                    |
| Muddy Creek nr Emery   | APR-JUL            | 9.7   | 14.4            | İ         | 18.0            | 91  | 22              | 29              | 19.9                   |
| North Ck ab R.S. nr Monticello   | MAR-JUL            | 0.0   | 0.1             | İ         | 0.2             | 26  | 0.4             | 0.8             | 0.8                    |
| South Ck ab Lloyd's Res nr Monticell   | MAR-JUL            | 0.0   | 0.2             | İ         | 0.5             | 33  | 0.8             | 1.7             | 1.4                    |
| Recapture Ck Bl Johnson Ck nr Blandi   | MAR-JUL            | 0.3   | 1.2             | İ         | 2.3             | 46  | 4.0             | 7.7             | 5.0                    |
| San Juan River near Bluff (2)  | APR-JUL            | 410   | 820             | İ         | 1100            | 89 j  | 1380            | 1790            | 1230                   |
| CARBON, EMERY, WAYNE, GRAND, & SAN JUAN Co.  <br>Reservoir Storage (1000 AF) - End of December |                    |   |                 |           |                 | CARBON, EMERY, WAYNE, GRAND, & SAN JU<br>Watershed Snowpack Analysis - Januar |                 |                 |                        |
|  | Usable             |   | .e Storage *    |           | <br>            | .=======  | Numbe           |                 | <br>Year as % of       |
| Reservoir  | Capacity           | This Last<br>Year Year Avg                                      |                 | Watershed |                 | of  |                 |                 |                        |
| HINDER MODELL  |                    |   |                 |           |                 |   |                 |                 |                        |
| HUNTINGTON NORTH   | 4.2                | 0.6   |                 | 2.4       |                 | E RIVER   | 3               | 53              | 60                     |
| JOE'S VALLEY   | 61.6               | 43.2  |                 | 1.0       |                 | RAFAEL RIVER  | 3               | 64              | 72                     |
| KEN'S LAKE   | 2.3                | 1.9   |                 | 1.0       |                 | CREEK   | 1               | 64              | 69                     |
| MILL SITE  | 16.7               | 13.0  |                 | 5.0       |                 | ONT RIVER   | 3               | 148             | 84                     |
| SCOFIELD   | 65.8               | 35.2  | 43.8 3          | 2.7       | LASAL MOUNTAINS |   | 1               | 100             | 81                     |
|  |                    |   |                 |           |                 | MOUNTAINS   | 1               | 225             | 32                     |
|  |                    |   |                 | ļ         | WILLC           | OW CREEK  | 1               | 233             | 72                     |

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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The average is computed for the 1971-2000 base period.

The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
The value is natural volume - actual volume may be affected by upstream water management.